

**Blast 2 Sequences results**[PubMed](#)[Entrez](#)[BLAST](#)[OMIM](#)[Taxonomy](#)[Structure](#)**BLAST 2 SEQUENCES RESULTS VERSION BLASTP 2.2.18 [Mar-02-2008]**Matrix BLOSUM62 · gap open: 11 gap extension: 1x\_dropoff: 0 expect: 10.0000 wordsize: 3 Filter ☐ View option Standard

Masking character option X for protein, n for nucleotide Masking color option Black



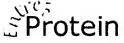
☐ Show CDS translation 

**Sequence 1:** unnamed protein product *human soluble epoxide hydrolase*  
Length = 556

**Sequence 2:** unnamed protein product *human neuropeptide Y1 receptor*  
Length = 384

**No significant similarity was found**

CPU time: 0.03 user secs. 0.02 sys. secs 0.05 total secs.

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☐ 1: AAS55647. Reports neuropeptide Y1 r...[gi:45239065]

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Domains, Links

## Features Sequence

LOCUS AAS55647 384 aa linear PRI 13-MAR-2004  
 DEFINITION neuropeptide Y1 receptor [Homo sapiens].  
 ACCESSION AAS55647  
 VERSION AAS55647.1 GI:45239065  
 DBSOURCE accession AY548168.1  
 KEYWORDS .  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Euarchontoglires; Primates; Haplorrhini;  
 Catarrhini; Hominidae; Homo.  
 REFERENCE 1 (residues 1 to 384)  
 AUTHORS Kopatz, S.A., Aronstam, R.S. and Sharma, S.V.  
 TITLE Isolation of cDNA coding for neuropeptide Y1 receptor (NPY1R)  
 JOURNAL Unpublished  
 REFERENCE 2 (residues 1 to 384)  
 AUTHORS Kopatz, S.A., Aronstam, R.S. and Sharma, S.V.  
 TITLE Direct Submission  
 JOURNAL Submitted (13-FEB-2004) Guthrie cDNA Resource Center, Guthrie  
 Research Institute, 1 Guthrie Square, Sayre, PA 18840, USA  
 COMMENT Method: conceptual translation supplied by author.  
 FEATURES  
 source Location/Qualifiers  
 1..384  
 /organism="Homo sapiens"  
 /db\_xref="taxon:9606"  
 /tissue\_type="brain"  
Protein 1..384  
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 Region 57..320  
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 /note="7 transmembrane receptor (rhodopsin family). This  
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 /db\_xref="CDD:84429"  
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 /coded\_by="AY548168.1:1..1155"  
 /note="NPY1R"

## ORIGIN

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121 cvstivsfis lvliavverhq liinprgrwp nnrhayvgia vvwlavass lpfliyqvmf
181 depfqnvtdl aykdkyvcfd qfpdsdshrls yttllllvlqy fgplcific yfkiiyrlkr

```

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241 rnnmndkmrd nkyrssetkr inimllsivv afavcwlplt ifntvfdwnh qiiatcnhnl  
301 lfllichltam istevnpify gflnknfqrd lqffffcd f rsrdddyeti amstmhtdvs  
361 ktslkqaspv afkkinndd neki
```

//

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Apr 10 2008 15:51:27